## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	29	(OFE or DFBS1 or FE or feedback adj2 equaliz\(^2\)8 or FFF or FFE\(^3\)1 or FEQ or DFBC or feedback adj2 filter\(^3\)3 or feedforward adj2 filter\(^3\)3 or feeddforward adj2 equaliz\(^3\)8 or feed adj1 forward adj2 equaliz\(^3\)8 or feed adj1 forward adj2 equaliz\(^3\)8 or feedback adj2 loop\(^3\)1 same (OCX\(^3\)1 or CX\(^3\)1 near3 obcod\(^3\)3 or OCX \(^3\)1 near3 obcod\(^3\)3 or OCX \(^3\)1 near3 obcod\(^3\)3 or cotalex\(^3\)4 or ECC or error adj2 coo\(^3\)3 or correct\(^4\)4 adj2 cod\(^3\)3 or correct\(^4\)4 adj2 cod\(^3\)3 or correct\(^4\)4 adj2 cod\(^3\)3 or correct\(^4\)4 adj2 cod\(^3\)5 or phase adj2 data or phase adj2 circuit\(^3\)3 or phase near2 accumulat \(^4\)4 or phase near2 accumulat \(^3\)4 or phase near3 near3 or phase near3 adj2 signal\(^3\)1 or phase near3 near3 or phase near3 or phase near3 adj2 signal\(^3\)1 or phase near3 or phase near3 adj2 signal\(^3\)1 or phase near3	US PEPUB; USPAT; USOOR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	OR	OFF	2010/07/06
L2	***************************************	(DFE or DFB\$1 or FE or feedback adj2 equaliz\$8 or FFF or FFB\$1 or FEQ or DEQ or feedback adj2 filter\$3 or feedforward adj2 filter\$3 or feedforward adj2 equaliz\$8 or feed adj1 forward adj2 filter\$3 or feed adj1 forward adj2 filter\$3 or feedback adj2 loop\$1) same (COK\$1 or COK\$1	US-PGPUB; USPAT; USPOT; USPOT; EPO; JFO; DETWIENT; IBM_TDB	OR	OFF	2010/07/06 20:52

		near3 decod\$3 or CXK \$1 near3 correlat\$4 or baker adj2 decod\$3 or baker adj2 correlat\$4 or ECCo er error adj2 cod\$3 or correct\$4 adj2 cod\$3 or correct\$4 adj2 cod\$3 or code adj1 word\$1 or block \$1 near3 cod\$3) same (Phase adj2 logic or phase adj2 circuit\$3 or phase adj2 circuit\$3 or phase near2 accumulat \$4 or phase near2 vector\$1 or phase near3 correlat\$4 or phase near3 feedback)				
L3	10028	(DFE or DFB\$1 or FE or feedback adj2 equaliz\$8 or FFF or FES 1 or FFF or FBF or FFES 1 or FEG or DFE or FFES 1 or FEG or DFE or feedback adj2 filter\$3 or feedforward adj2 filter\$3 or feedforward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 or feedback adj2 folop\$1 same (Phase adj2 data or phase adj2 ofc adj2 or phase adj2 ofc or phase adj2 or phase adj2 or phase near2 accumulat\$4 or phase near2 expect of \$1 or phase adj2 or phase near2 expect of \$1 or phase near2 or phase near2 expect of \$1 or phase near3 expect or phase near2 expect of \$1 or phase near3 expect or phase near3 expect of \$1 or phase near3 expect of \$1 or phase near3 expect of \$1 or phase near3 expect \$1 or p	US PGP-UB; USPAT; USOCR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OA	OFF	2010/07/06

L4	2294	(COC\$1 or COC\$1 near3 decod\$3 or OOK \$1 near3 orcelat\$4 or baker adj2 correlat\$4 or ECC or error adj2 cod\$3 or correct\$4 adj2 cod\$3 or codeword\$1 or code adj1 word\$1 or code adj1 word\$1 or code adj1 word\$1 or block \$1 near3 cod\$3) same (Phase adj2 data or phase adj2 logic or phase adj2 logic or phase adj2 circuit\$3 or phase near2 accumulat \$4 or phase near2 vector\$1 or phase adj2 signal\$1 or phase near3 correlat\$4 or phase near2 calculat \$4 or phase near2 estimat\$4 or phases near3 redback or phase near2 calculat \$5 or phase near2 estimat\$4 or phases near3 rotat\$4 or phase near3 measus\$4)	US PGPUB; USPAT; USOOR; PPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06
L5	151	3 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:09
L6	52	3 same 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:09
L7	99	5 not 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:10

L8	37102	(FE\$1 or FFF or FFE\$1 or FEQ or feedforward adj2 filter\$3 or feedforward adj2 filter\$3 or feedforward adj2 filter\$3 or feed adj1 forward adj2 filter\$3 or feed adj1 forward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 lyame (Phase adj2 data or phase adj2 logic or phase adj2 logic or phase adj2 circuit\$3 or phase near2 accumulat\$4 or phase near2 calculat\$4 or phase near3 correlat\$4 or phase near3 correlat\$4 or phase near3 correlat\$4 or phase near2 ealculat\$4 or phase near2 calculat\$4 or phase near2 calculat\$4 or phase near3 correlat\$1 or phase near2 ealculat\$4 or phase near2 calculat\$4 or phase near3 measus\$4 or phase	US-PGPUB; USPAT; USPAT; USOCR; FPRS; EPC; JPO; DEFWENT; IBM_TDB	OR	OFF	2010/07/06 21:35
L9	426	(FFF or FFE\$1 or FEQ or feedforward adj2 filter\$3 or feedforward adj2 filter\$3 or feed adj1 forward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 syame (Fhase adj2 logic or phase adj2 circuit\$3 or phase adj2 circuit\$3 or phase adj2 circuit\$4 or phase adj2 iorphase near2 excumulat\$4 or phase near3 correlat\$4 or phase near3 correlat\$4 or phase near2 calculat\$4 or phase near2 stimat\$4 or phase near2 estimat\$4 or phase near2 rotat\$4 or phase near2 rotat\$4 or phase near3 for phase near	US PGPUB; USPAT; USOOR; FPPS; EPO; JPO; DEFWENT; IBM_TDB	OR	OFF	2010/07/06 21:35

L10	1358	(DFE or DFB\$1 or FE or feedback adj2 equaliz\$8 or FFF or FFB\$1 or FEQ or DFB\$1 or DFB\$1 or FEQ or DFB\$1 or DFB	US PGPUB; USPAT; USPOR; FPRS; EPC; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:36
L11	19	9 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:37
L12	147	( PFF or FFE\$1 or FEQ or feedforward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 s8 )near4 (Phase adj2 data or phase adj2 doi: or phase adj2 olo; or phase adj2 orcuit\$3 or phase near2 excumulat\$4 or phase near3 correlat\$4 or phase near3 correlat\$4 or phase near2 calculat\$4 or phase near2 stimat\$4 or phase near5 at or phase near5 at or phase near5 at or phase near6 at or phase near6 at or phase near7 or phase near6 ar or phase near7 or phase near6 ar or phase near6 ar or phase near7 or phase near7 or phase near6 correct\$4)	US PGPUB; USPAT; USOOR; FPRS; EPC; JPO; DEFWENT; IBM_TDB	OA .	OFF	2010/07/06

L13	4	12 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:48
L14	6	("20030123585"   "6233273"   "6563858"   "6678310").PN. OR ("7130343").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/06 21:50
L15	330	(IFF or FFE\$1 or FEQ or feedforward adj2 filtler\$3 or feedforward adj2 equallz\$8 or feed adj1 forward adj2 filter \$3 or feed adj1 forward adj2 equaliz \$8 or feed adj1 forward adj2 equaliz \$8 ) with (Fhase adj2 data or phase adj2 doi;o or phase adj2 ior;ic or phase adj2 ior;ic or phase adj2 ior;ic or phase near2 accumulat\$4 or phase near3 vector\$1 or phase near3 correlat \$4 or phase near3 feedback or phase near2 calculat\$4 or phase near3 measur\$4 or phase \$1 or phase near3 measur\$4 or phase near2 correct\$4 or phase near2 correct\$4)	US PCPUB; USPAT; USPAT; USOOR; FPPS; EPO; JPO; DEFMENT; IBM_TDB	OR	OFF	2010/07/06 21:51
L16	331	(FFF or FFE\$1 or FEO or feedforward adj2 filter\$3 or feedforward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 or feed adj1 forward adj2 equaliz\$8 ) with (Phase adj2 data or phase adj2 doi: or phase adj2 circuit\$3 or phase adj2 circuit\$3 or phase near2 accumulat\$4 or phase near2 vecto\$1 or phase near3 feedback or phase near3 feedback or phase near3 feedback or phase near3 ener2 calculat\$4 or	US PGPUB; USPAT; USOOR; FPPS; EPC; JPO; DEFWENT; IBM_TDB	OR	OFF	2010/07/06 21:52

	***************************************	phase near2 estimat\$4 or phasor\$1 or phaser \$1 or phase near2 rotat \$4 or phase near3 measur\$4 or phase near2 eror\$1 or phase near2 correct\$4 or feedback near3 phase \$1)				
L17	17	16 and 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:52
L18	13	17 not 13	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:52
L19	117	(CCK\$1 or CCK\$1 near3 decod\$3 or CCK \$1 near3 correlat\$4 or baker adj2 decod\$3 or baker adj2 correlat\$4 or ECC or error adj2 cod\$3 or correct\$4 adj2 cod\$3 or codeword\$1 or code adj1 word\$1 or block \$1 near3 cod\$3) and	US-PCPUB; USPAT; USOCR; FPRS; EPC; JPC; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:55
L20	117	(DFE or DFB\$1 or feedback adj2 equaliz \$8 or FBF or FFE\$1 or FEQ or DFEQ or feedback adj2 filter\$3 or feedback adj2 loop \$1) and 19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/06 21:56

## 7/6/2010 10:21:38 PM

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